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APR 23 2007

"PATENT"

**TRANSMITTAL FORM**

In re application of: Mark A. Greaney, et al.

U. S. Serial No.: 10/580,582

Filed: May 25, 2006

For: METHOD FOR UPGRADING LUBE OIL BOILING  
RANGE FEEDSTREAMS BY TREATMENT WITH A  
SULFURIC ACID SOLUTION

) Before the Examiner  
 ) Not Assigned  
 ) Confirmation Number: 5545  
 ) Group Art Unit: Not Assigned  
 ) Family Number: P2003J098

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the  
 Commissioner for Patents facsimile number 571-273-8300 on the date shown below.

JOANNE WOLTERS

Type or print name of person signing certification

Signature

Date

Transmittal herewith is an amendment/response in the above-identified application.

Petition for extension of time pursuant to 37 CFR 1.136 and 1.137 is hereby made, if and to the extent, required.  
 The fee for this extension of time is calculated to be \$ \_\_\_\_\_ to extend the time for filing this response  
 until \_\_\_\_\_.

The fee for any changes in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest Number Previously Paid For	(5) Present Extra	(6) Rate	(7)
Total Claims	*	Minus	**		x 50.00	
Indep. Claims	*	Minus	***		x 200.00	
MULTIPLE DEPENDENT CLAIM FEE					\$ 360.00	
FEE FOR CLAIM CHANGES						

\* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The total fee for this SUBMISSION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EQ/US), including claim changes and any extension of time is calculated to be \$ \_\_\_\_\_.

☒ Charge \$ \_\_\_\_\_ to DEPOSIT ACCOUNT NO. 05-1330.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to DEPOSIT ACCOUNT NO. 05-1330.

DATE OF SIGNATURE

Post Office Address: [to which correspondence is to be sent]  
 ExxonMobil Research and Engineering Company  
 P. O. Box 900  
 Annandale, New Jersey 08801-0900

ATTORNEY OR AGENT OF RECORD

LAWRENCE E. CARTER

Registration No. 51,532

☒ Pursuant to 37 CFR 1.34(a)

Facsimile Number: (908) 730-3649



27810

PATENT TRADEMARK OFFICE

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APR 23 2007

"PATENT"

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re Application of  
Mark A. Greaney, et al.

U. S. Serial No.: 10/580,582

Filed: May 25, 2006

For: METHOD FOR UPGRADING LUBE  
OIL BOILING RANGE FEEDSTREAMS BY  
TREATMENT WITH A SULFURIC ACID  
SOLUTION

) Before the Examiner  
) Not Assigned  
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) Confirmation Number: 5545  
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)  
)  
)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

CERTIFICATION OF FACSIMILE TRANSMISSION		
I hereby certify that this paper is being facsimile transmitted to the Commissioner for Patents facsimile number 571-273-8300 on the date shown below.		
JOANNE WOLTERS	<i>Joanne Wolters</i>	4/23/07
Type or print name of person signing certification	Signature	Date

Sir

**SUBMISSION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE  
UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**The missing Declaration for the above referenced application is submitted  
herewith.

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PATENT TRADEMARK OFFICE

U.S. Serial Number: 10/580,582  
Reply to Office Action of: 3/01/2007  
Family Number: P2003J098

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APR 23 2007

A copy of the "Notification of Missing Requirements Under 35 U.S.C. 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)" is also  
enclosed.

Respectfully submitted,



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Attorney for Applicant(s)  
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☒ Pursuant to 37 CFR 1.34(a)

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LEC:jmw  
4/23/07



## UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY DOCKET NO.
10/580,582	Mark A. Grcaney	P2003J098

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RMT

INTERNATIONAL APPLICATION NO.	
PCT/US04/40091	
I.A. FILING DATE	PRIORITY DATE
12/01/2004	12/05/2003

CONFIRMATION NO. 5545

371 FORMALITIES LETTER



\*OC000000022689359\*

Date Mailed: 03/01/2007

*Refer due May 1, 2007*

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/25/2006
- Copy of the International Search Report filed on 05/25/2006
- Preliminary Amendments filed on 05/25/2006
- Request for Immediate Examination filed on 05/25/2006
- U.S. Basic National Fees filed on 05/25/2006
- Priority Documents filed on 05/25/2006
- Specification filed on 05/25/2006
- Claims filed on 05/25/2006
- Abstracts filed on 05/25/2006
- Drawings filed on 05/25/2006

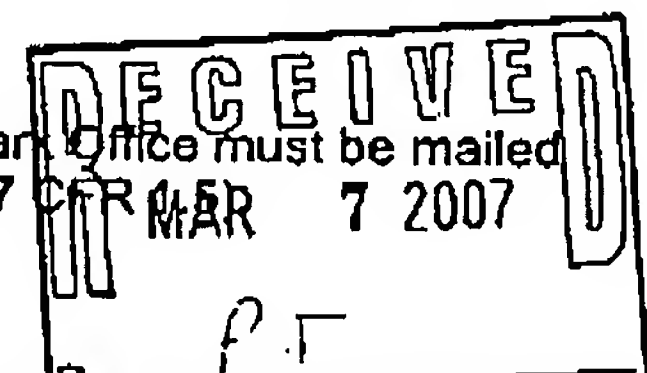
The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.136(a)).



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PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/580,582	PCT/US04/40091	P2003J098

FORM PCT/DO/EO/905 (371 Formalities Notice)